THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI URMILABEN CHIMANBHAI PATEL) : (a) to (e). Yes, Sir. The Government have already approved the proposal of POWERGRID for augmentation of Transmission System in South Assam, Mizoram and Tripura at an estimated cost of Rs. 83.57 crores. The scheme envisages construction of following transmission lines and substations.

132 KV S/C lines:

1. Khandong-Khliehriat (POWERGRID —54 km.
2. Loop-in and Loop-out of existing Khandong-Khliehriat line at Khliehriat switching station of POWERGRID—6 km.
3. Badarpur (ASEB)—Badarpur switching station of POWERGRID—5 Km.
4. Khliehriat (POWERGRID)—Badarpur (POWERGRID) — 110 km.
5. Badarpur (POWERGRID) — Jiribam — 60 km.
6. Badarpur (POWERGRID) — Kumarghat — 160 km.
7. Kolesib-Aizaul-80 km.

132 KV D/C strung S|C lines

Badarpur—Kolasib — 100 km.

Substations:

1. New 132 KV switching stations at Khliehriat and Badarpur
2. Extension of existing 132 KV substations at Khandong (NEEPCO), Badarpur (ASEB), Jiribam (POWERGRID), Kumarghat (POWERGRID) and Aizwal (POWERGRID).

The project is scheduled to be commissioned within a period of 42 months.

Report of Confederation of Indian Industries on power stations

3465. SHRI PARMESHWAR KUMAR AGARWALLA : Will the Minister of POWER be pleased to state :

a) whether Government's attention has been drawn to a report made by the Confederation of Indian Industries (CII) on Modernisation and Revamping of Thermal/Steam Power Stations";

(b) if so, whether Government agree with the observations and recommendations made by the CII Task Force, particularly relating to the short terms measures for optimisation of the installed capacity;

(c) if so, the action taken or proposed to be taken thereon and if not, the reasons therefor;

(d) which are the power plants and units identified by the Central Electricity Authority and the Power Finance Corporation for Life Extension and Renovation and Modernisation works during the past five years;

(e) the action taken for the identified power plants and units and the progress in this regard;

(f) whether Government have considered the rehabilitation of existing power plants under Leasing, Rehabilitation, Operation and Transfer (LROT) scheme or any other scheme and

(g) if so, the details thereof and if not, the reasons therefor?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI URMILABEN CHIMANBHAI PATEL : (a) Yes, Sir.

(b) and (c). The observations/recommendations made by the Confederation of Indian Industries (CII)

Task Force (April 1994 Report) were examined in consultation with the Central Electricity Authority and the Power Finance Corporation. The CII was apprised of the comments of the Government. The report did not specifically recommended any short term measure for optimisation of the installed capacity.

(d) and (e) The details of the power plants and the units included in the Phase-I and Phase-II R&M Programme together with the latest status in respect of each of the power plants are given in Statement I & II respectively. (*See* below) Phase-I R&M Programme was taken up for implementation in the Seventh Plan and is in the advance stage of implementation. This programme is expected to be completed during 1995-96. Phase-II R&M Programme has been taken up for implementation during the 8th Plan.

(f) and (g). No proposal for rehabilitation of existing power plants under Leasing, Rehabilitation, Operation and Transfer scheme (LROT) has been considered for approval by the Government, as the modalities for private sector participation in the Renovation and Modernisation Programme which, inter alia, includes LROT scheme have not been finalised.

Statement-I

Details of various R & M scheme of Thermal Power Stations under renovation and Modernisation programme (Phase-I)

Sl. No.	Organisation/Renovation Scheme	No. of units under R & M	Installed capacity		% of the activities completed
			No. & Rating	(MW)	
1	2	3		4	5
1.	NTPC/Badarpur	5	3×100+2×210	720.00	100
2.	DESU/I.P.	5	1×36.5+3×62.5+1×60	284.00	88
3.	HSEB	5		400.00	
	Faridabad	3	3×60	180.00	78
4.	Panipat	2	2×110	220.00	87
5.	PSEB/Bhatinda	4	4×110	440.00	100
	USEB	27		2374.00	
6.	Panki	4	2×32+2×110	284.00	92
7.	Obra	13	5×50+3×100+5×200	1550.00	89
8.	Harduaganj	10	3×30+2×50+4×60+1×110	540.00	89
	MPEB	21		1562.00	
9.	Korba	10	1×10+3×30+4×50+2×120	540.00	86
10.	Amarkantak	4	2×30+2×120	300.00	93

1	2		3	4	5
11.	Satpura	7	5×62.5+1×200+1×210	722.50	78
	GEB	10		1014.00	
12.	Gandhinagar	2	2×120	240.00	100
13.	Dhuvaran	6	4×63.5+2x140	534.00	77
14.	Ukai	2	2×120	240.00	100
	MSEB	9	915	915.00	100
15.	Koradi	4	4×120	480.00	100
16.	Nasik	2	2×140	280.00	100
17.	Bhusawal	1	1×62.5	26.50	100
18.	Paras	2	1×30+1×62.5	92.50	100
	APSEB	9		742.50	
19.	Kothagudem	8	4×60+4×110	680.00	100
20.	Ramagundem 'B'	1	1×62.5	62.50	75
	TNEB	8		1080.00	
21.	Ennore	5	2×60+3×110	450.00	97
22.	Tutiqorin	3	3×210	630.00	100
23.	NLC/Neyveli	9	3×100+6×50	600.00	68
24.	OSEB/Talcher	4	4×62.5	250.00	91
	DVC	13		1317.50	
25.	Chandrapura	6	3×120+3×140	780.00	91
26.	Bokaro	4	3×57.5+1×75	247.50	100
27.	Durgapur	3	2×75+1×140	290.00	94
	BSEB	16		763.50	
28.	Patratu	8	4×50+2×100+2×110	620.00	88
29.	Barauni	4	2×15+2+50	130.00	89
30.	Karbigahia	4	2×1.5+1×3+1+7.5	13.50	81
	WBSEB	8		800.00	
31.	Santaldih	4	4×120	480.00	92
32.	Bandel	4	4×80	320.00	92
33.	DPL/Durgppur	5	2×30+1×70+2×75	280.00	87
34.	ASEB/Namrup	5	3×23+1×12.5+1×30	111.50	95
	TOTAL :	163		13654.50	89

Statement-II

Details of various R & M schemes of Thermal Power Stations under renovation & modernisation programme (Phase-I)

Sl. No.	Organisation/Name of TPS.	Installed capacity		% of the Activities Completed
		No. & Rating	(MW)	
1	2	3	4	5
1.	NTPC/Badarpur	3×100+2×210	720.000	01
2.	DESU/I.P.	1×36 5+3×62 5+1×60	284.000	00
3.	HSEB/Faridabad	3×60	180.000	30
4.	Panipat	2×110	220.000	17
5.	PSEB /Ropar	2×210	420.000	00
6.	Bhatinda	4×110	440.000	38
7.	RSEB /Kota	2×110	220 000	55
8.	UPSEB/Obra	5×50+3×100+5×200	1550.000	12
9.	/Panki	2×32+2×110	284.000	00
10.	Harduaganj	3×30+2×50+4×60+1×110	540.000	00
11.	Parichha	2×110	220.000	01
12.	MPEB/Amarkantak	2×30+2×120	300.000	20
13.	Korba (E)	4×50+2×120	440.000	22
14.	Korba (W)	2×210	420.000	08
15.	Satpura	5×62.5+1×200+3×210	1142.500	18
16.	GEB/Ukai	2×120+2×200+1×210	850.000	13
17.	Gandhinagar	2×120	240.000	22
18.	Dhuvaran	4×63.5+2×140	534.000	43
19.	Wanakbori	3×210	630.000	44
20.	MSEB/Koradi	4×120+1×200+2×210	1100.000	26
21.	Nasik	2×140+3×210	910.000	43
22.	Bhusawal	1×62.5+2×210	482.500	25
23.	Chandrapur	4×210	840.000	16
24.	Parli	2×30+3×210	690.000	11
25.	Paras	1×30+1×62.5	992.000	64
26.	TNEB/Ennore	2×60+3×110	450.000	27
27.	Tuticorin	3×210	630.000	61

1	2	3	4	5
28.	Mettur	4×210	840.000	25
29. APSEB	/(i) Kothagudem 'A'	4×60	240.000	00
	(ii) -do- B & C	2×110+2×110	440.000	66
30.	Nellore	1×30	30.000	66
31. NLC	/Neyveli	1×50+5×50+3×100	600.000	24
32. WBPDC	/Kolaghat	2×210	420.000	18
33. WBSEB	/Santaldih	4×120	480.000	13
34. DVC	/Chanderpura	3×120+3×140	780.000	27
35.	Durgapur	1×140+1×210+2×75	500.000	41
36.	Bokaro	3×57.5	172 500	25
37. DPL (WB)	/Durgapur	2×30+1×70+2×75	280.000	12
38. BSEB	/Patratu	4×50+2×100+4×110	840.000	06
39.	Barauni	2×50+2×110	320.000	03
40.	Muzaffarpur	2×110	220.000	17
41. OSEB	/Talchar	4×62.5+2×110	470.000	00
42. ASEB	/Bongaigaon	4×60	240.000	10
43.	Chandrapur	1×30	30.000	23
44.	Kathal & Gulkey	3×2.705+4×2.705	18.935	26
45.	Lakwa	4×15	60.000	27
46.	Namrup	3×23+1×12 5+1×30	111.500	61
	GRAND TOTAL :		21922.435	20(%)

Power projects awarded on guaranteed return basis

3466. SHRI VIREN J. SHAH:

SHRI PRAMOD MAHAJAN:

Will the Minister of POWER be pleased to state:

(a) the power projects which have been awarded on a guaranteed return basis and to which parties;

(b) what are the details of Indian firms which tendered for each of the said projects and how many of them have been offered such projects with guaranteed return;

(c) what in-built safeguards have been provided in the agreements to check the temptation to inflate project cost since the rate of return is guaranteed on the project cost; and

(d) what further safeguards have been provided to ensure that power tariffs to be levied by them are kept at a reasonable level?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI URMILABEN CHIMANBHAI PATEL) (a) and (b) Government of India tariff